

CLAIMS

1. A system for protection from intruders, comprising at least two groups of sensors arranged so that said sensors in each of said groups are spaced from one another in a predetermined direction, while said groups of said sensors are spaced from one another in another direction which is substantially transverse to said one direction, said sensors being formed as seismic sensors; a single central control and processing unit arranged to receive unprocessed signals from said seismic sensors; at least one external alarm generating unit including a loudspeaker and a search light; at least one television camera associated with said alarm generating unit; and at least one phone line associated with said control and processing unit, said sensors, said alarm generating unit and said central control and processing unit being connected so that when an intruder is detected by at least one of said sensors of one of said groups of sensors, said alarm generating unit generates a loud voice warning by said loud speaker and generates a light by said search light, while said television camera records an image of said intruder in response to a command from said central control and processing unit which receives said signal from said at least one sensor, and when a sensor of

the other of said groups of sensors additionally detects the intruder, said phone line is utilized to inform about a presence of the intruder.

2. A system as defined in claim 1; and further comprising a second pair of said two groups of sensors arranged so that said groups of said sensors of said second pair extends substantially transversely to said groups of said sensors of said first-mentioned pair to define a protected area.

3. A system as defined in claim 1, wherein each of said sensors includes a case, and also a geophone, an electronic transmitter unit which is ordinarily in a sleeping mode, and a battery, all located in said case.

4. A system as defined in claim 1, wherein said central control and processing unit includes a receiver, an amplifier, an analog-to-digital converter, a processing micro controller, and a networking plate.

5. A system as defined in claim 1, wherein said seismic sensors are formed as wireless sensors which wirelessly send said signal to said central control and processing unit.

6. A system as defined in claim 1, wherein said sensors are connected by wires to said central control and processing unit to send signal to the latter through said wires.

7. A system as defined in claim 1; and further comprising a video recorder associated with said central control and processing unit for video recording a presence of the intruder.

8. A system as defined in claim 1, wherein said central control and processing unit is operative to determine whether the intruder is a human being or not, so that the command is produced only when the intruder is a human being.